

49 HumanATP-Binding CassetteTransporters

Name	ABC1	MDR	MRP	ALD	OABP	GCN20	White
Subfamily	ABCA	ABCB	ABCC	ABCD	ABCE	ABCF	ABCG
Members	12	11	13	4	1	3	5 (+1?)
Some Inhibitors	DIDS Glyburide	Verapamil Valspodar Nifedipine Nimodipine	MK-571 Benzbromarone				
Symbols Access	ABCA1: NM005502	ABCB1 NM000927	ABCC1 NM 004996	ABCD1 NM 000033	ABCE1 NM 002940	ABCF1 NM 001090	ABCG1 NM 004915
	ABCA2: NM001606	ABCB2 NM000593	ABCC2 NM 000392	ABCD2 NM 005164		ABCF2 NM 005692	ABCG2 NM 004827
	ABCA3 NM001089	ABCB3 NM000544	ABCC3 NM 003786	ABCD3 NM 002858		ABCF3 AK002060	ABCG3
	ABCA4 NM000350	ABCB4 NM000443	ABCC4 NM 005845	ABCD4 NM 005050			ABCG4 NM 022169
	ABCA5 NM016672	ABCB5 U66692	ABCC5 NM 005688				ABCG5 NM 022436
	ABCA6 NM080284	ABCB6 NM 005689	ABCC6 NM 001171				ABCG8 NM 022437
	ABCA7 NM019112	ABCB7 NM004299	ABCC7 NM 000492				
	ABCA8 NM007168	ABCB8 NM 007188	ABCC8 NM 000352				
	ABCA9 NM080283	ABCB9 NM 019624	ABCC9 NM 005691				
	ABCA10 NM080282	ABCB10 NM 012089	ABCC10 XM052745				
	ABCA12 NM015557	ABCB11 NM 003742	ABCC11 NM 033151				
	ABCA13		ABCC12 NM 033226				
			ABCC13 NM 138726				

FIGURE 1

2/27

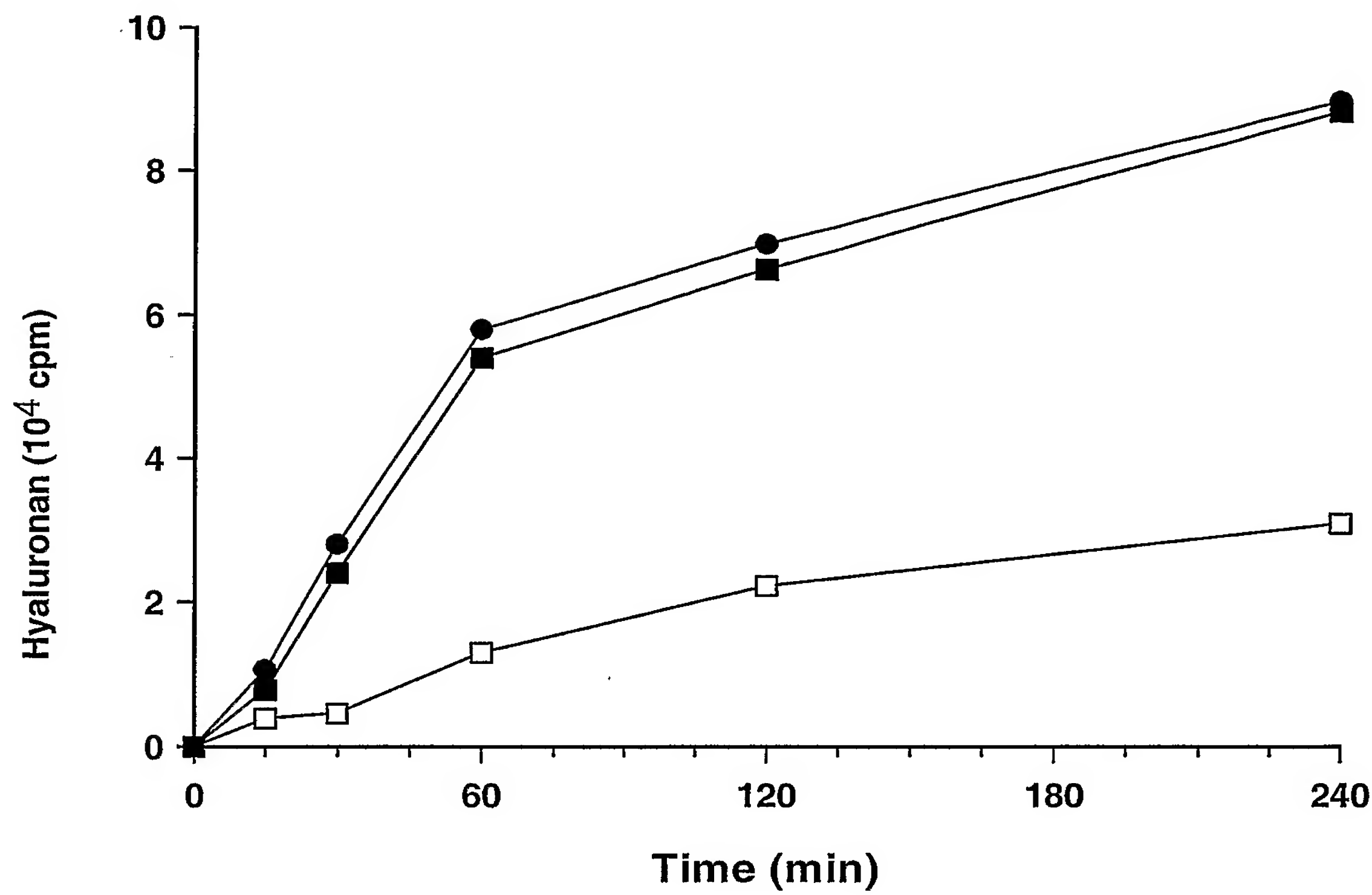


FIGURE 2

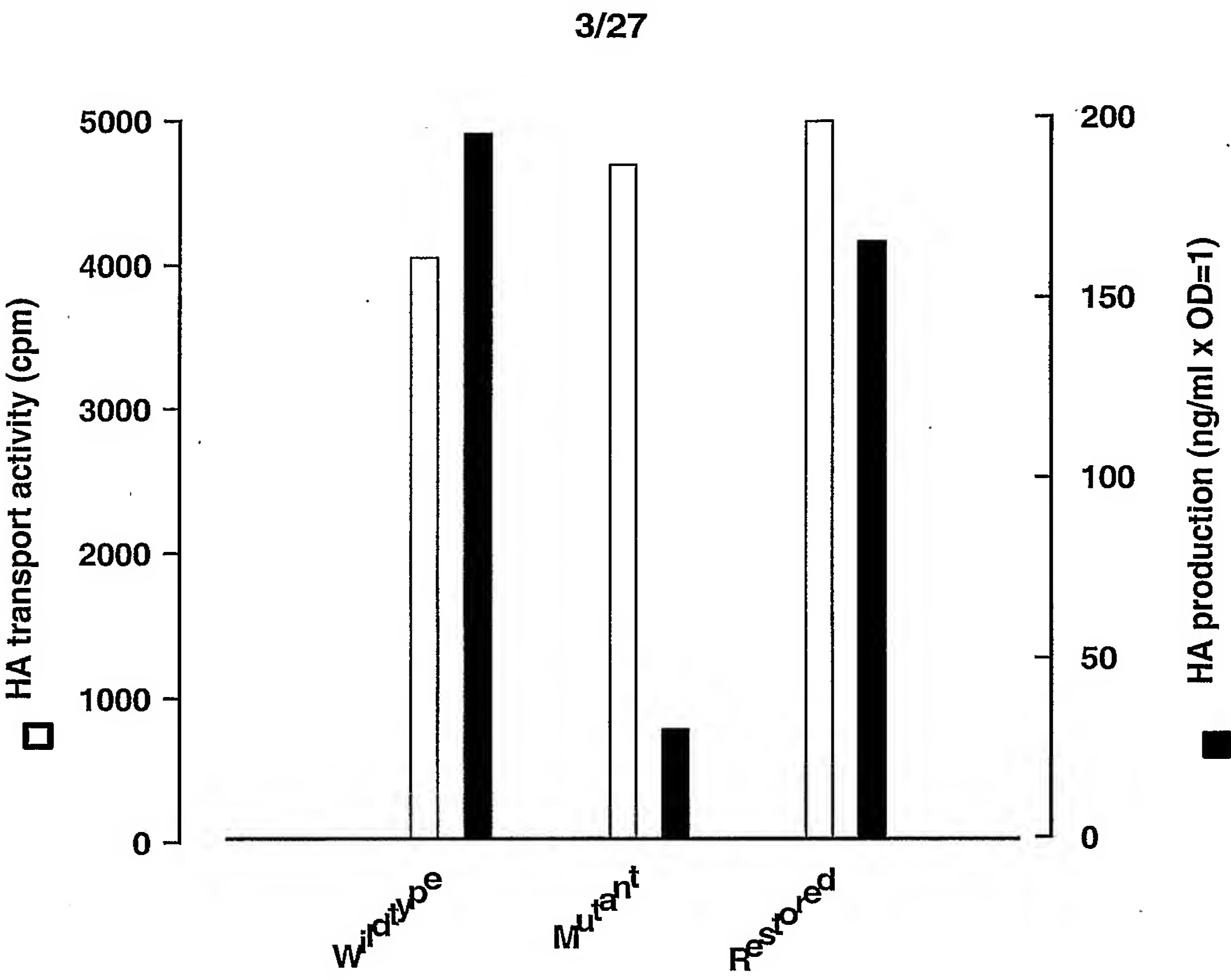


FIGURE 3

4/27

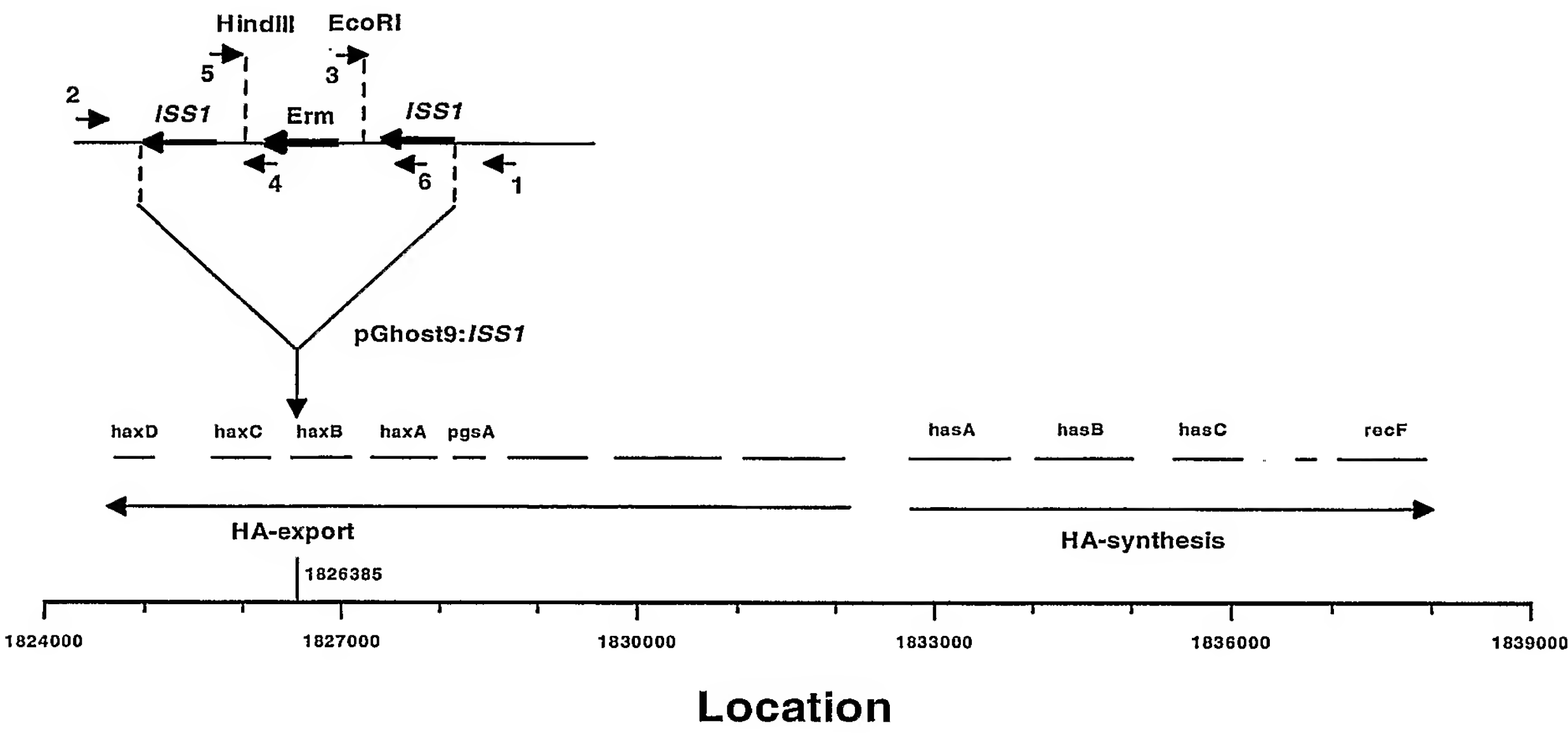


FIGURE 4

5/27

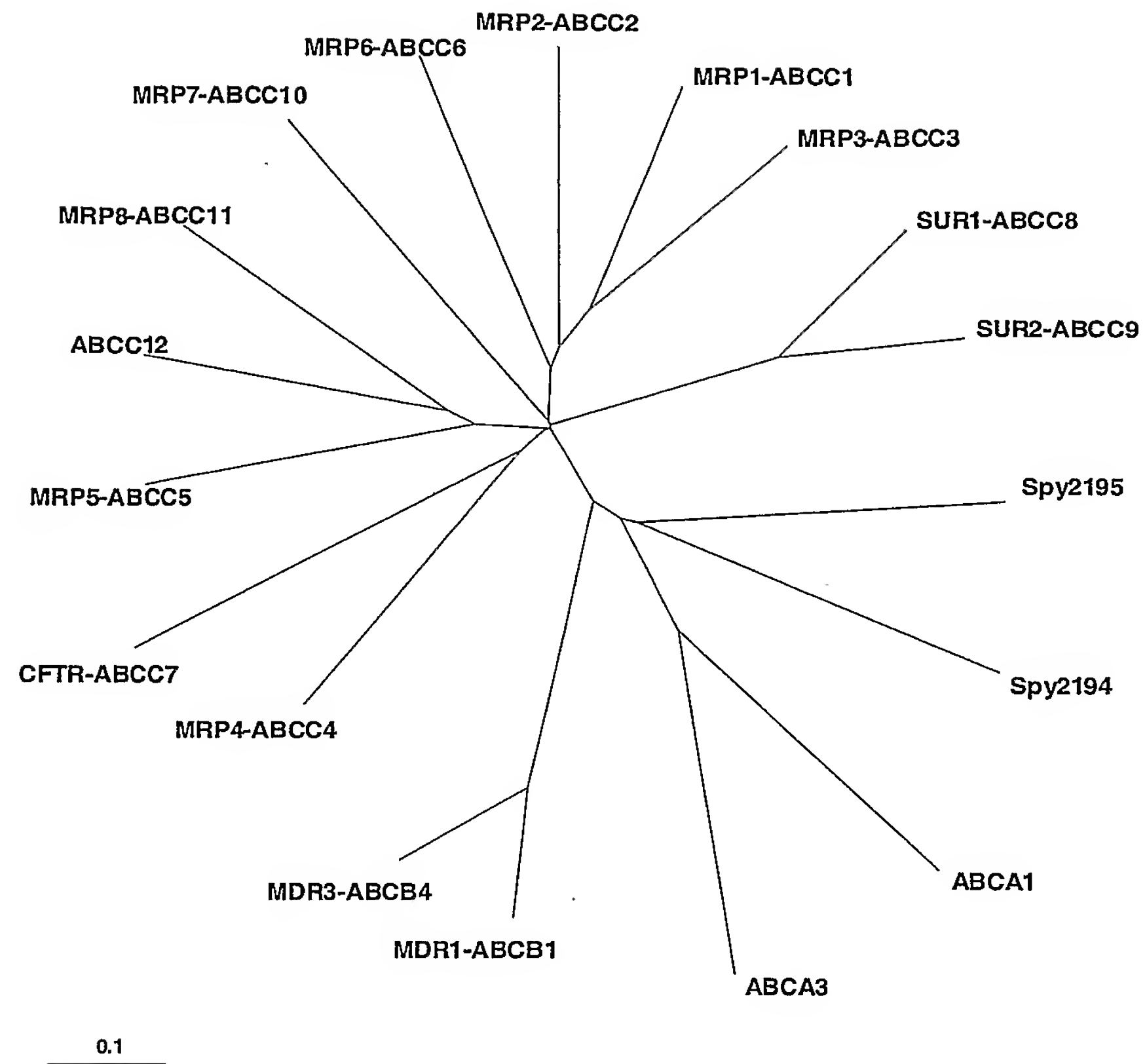


FIGURE 5

6/27

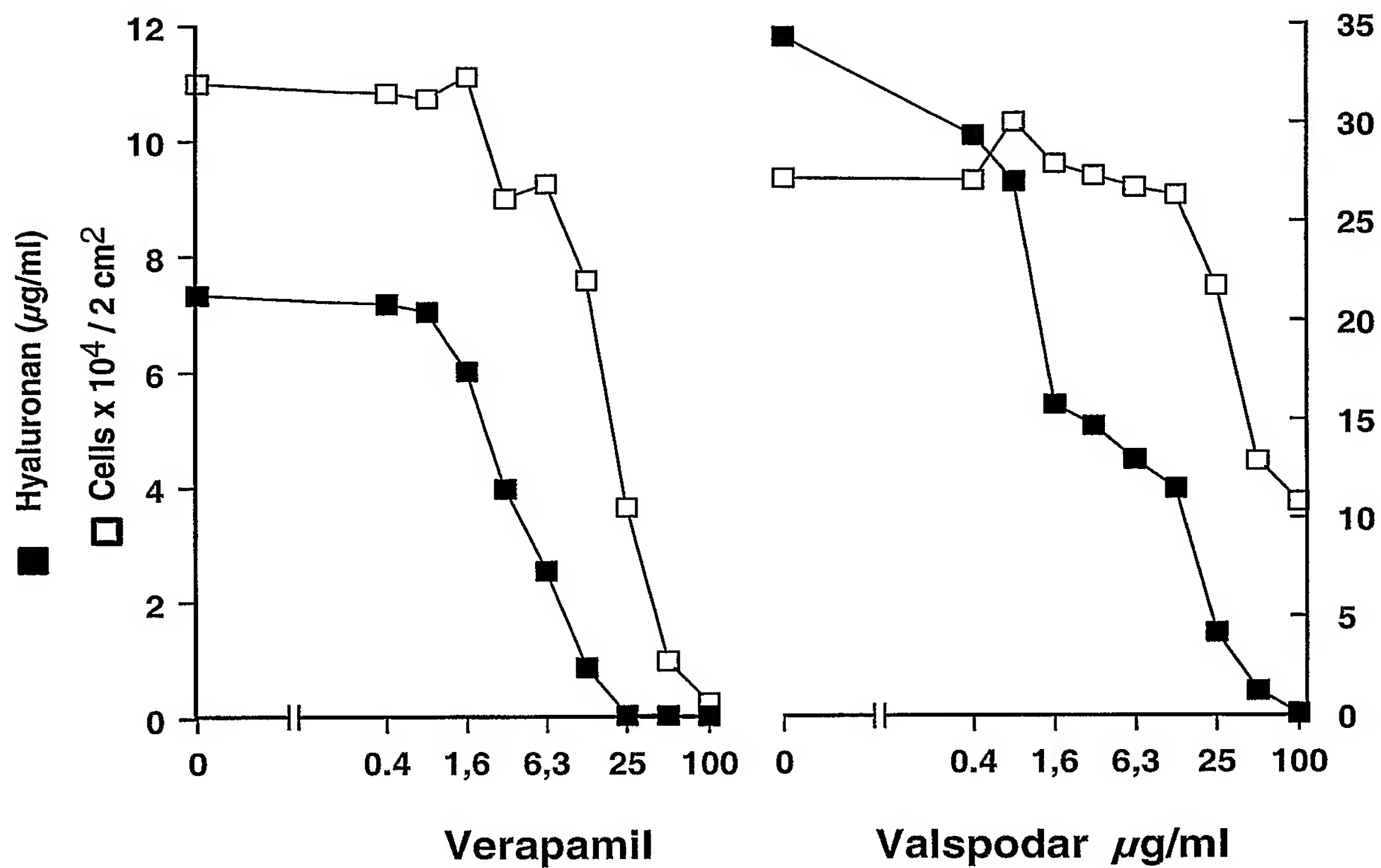


FIGURE 6

7/27

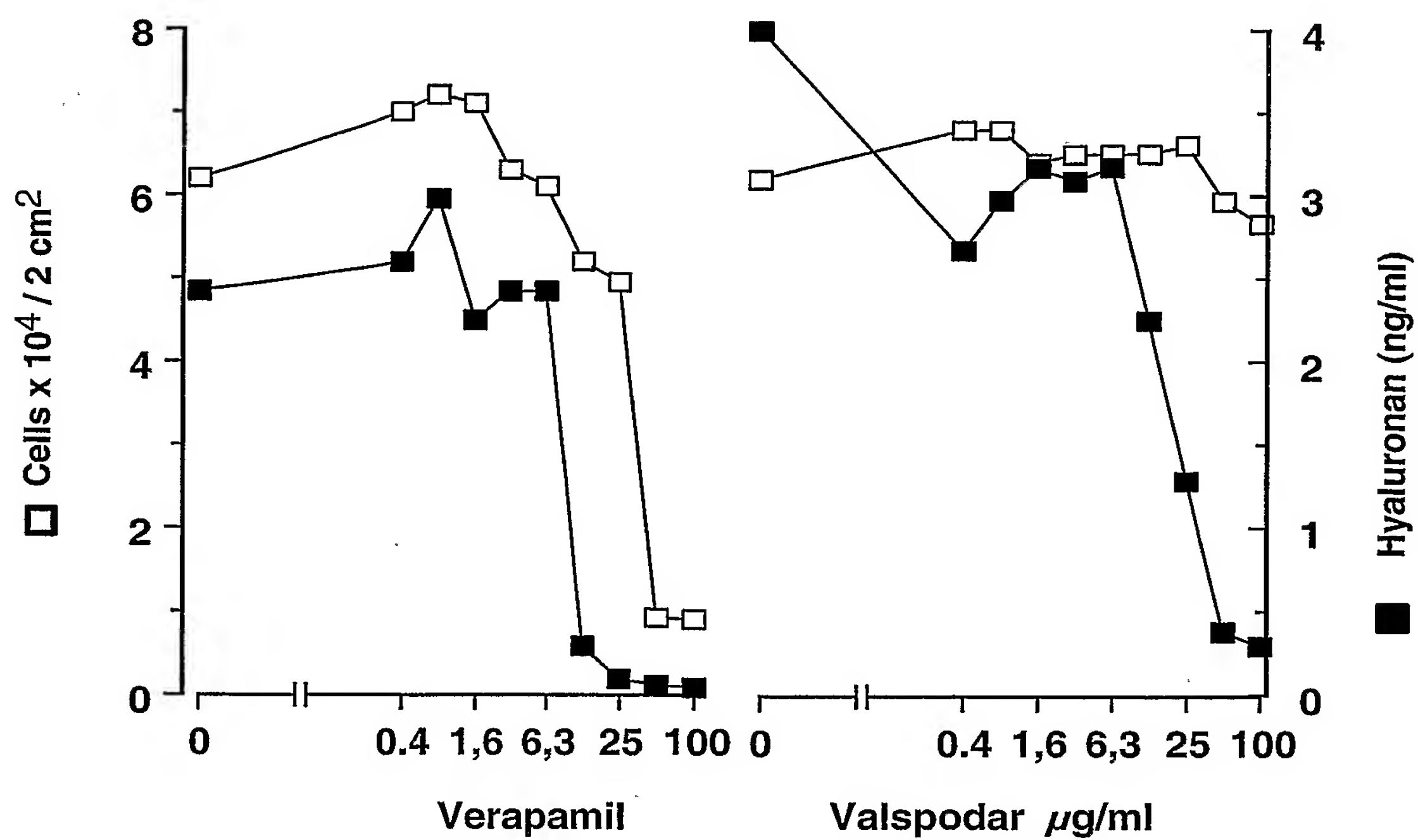


FIGURE 7

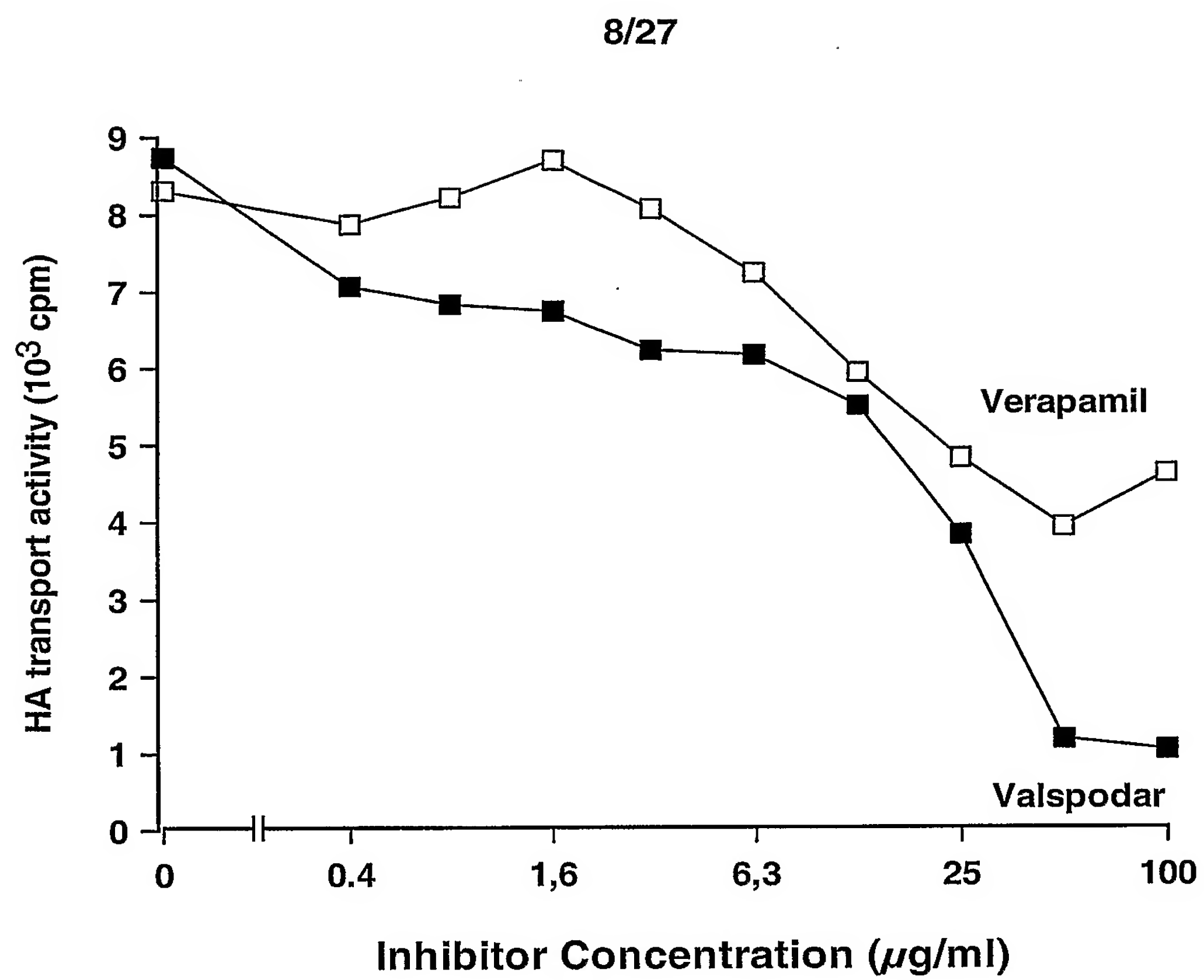


FIGURE 8



9/27

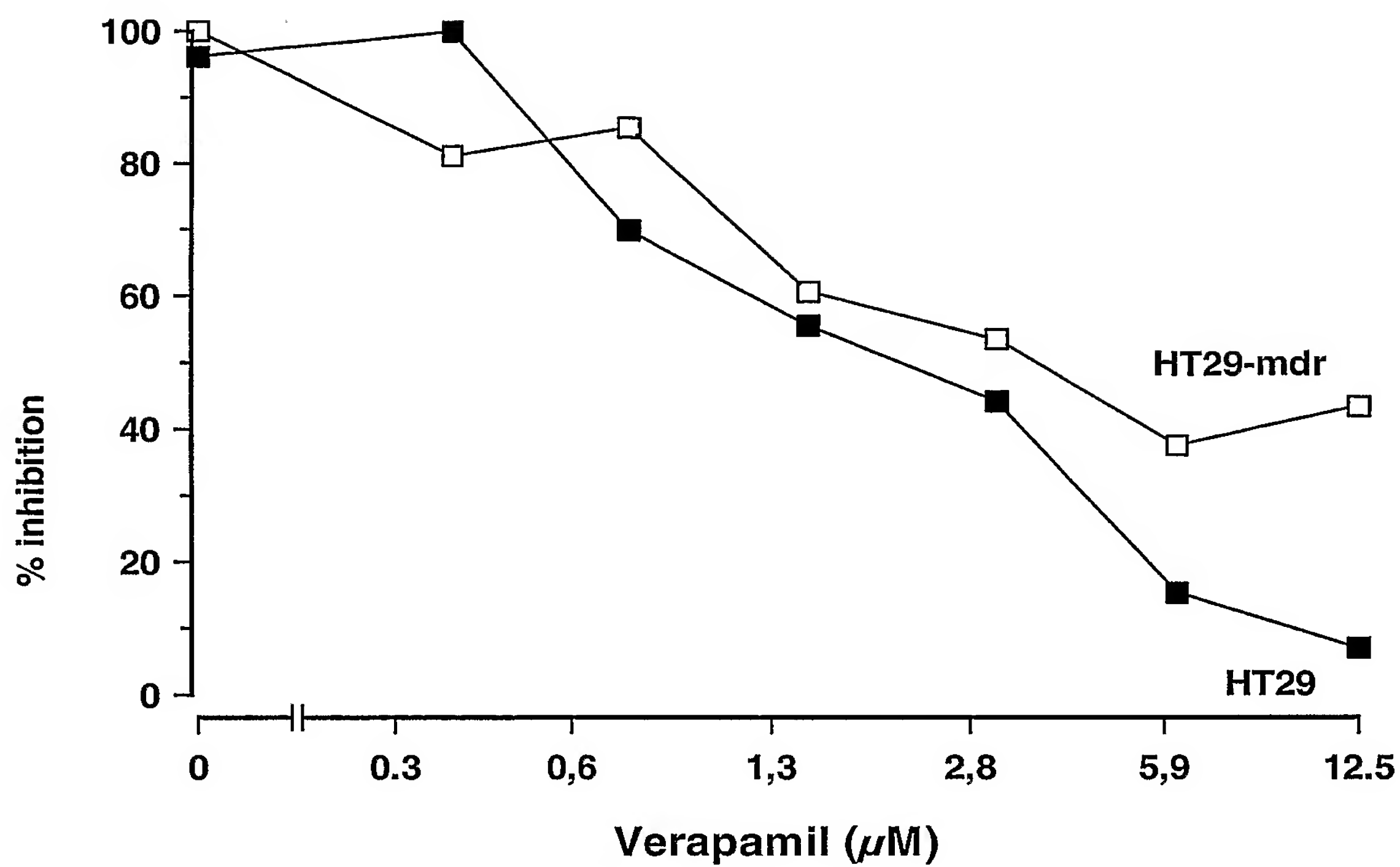


FIGURE 9

10/27

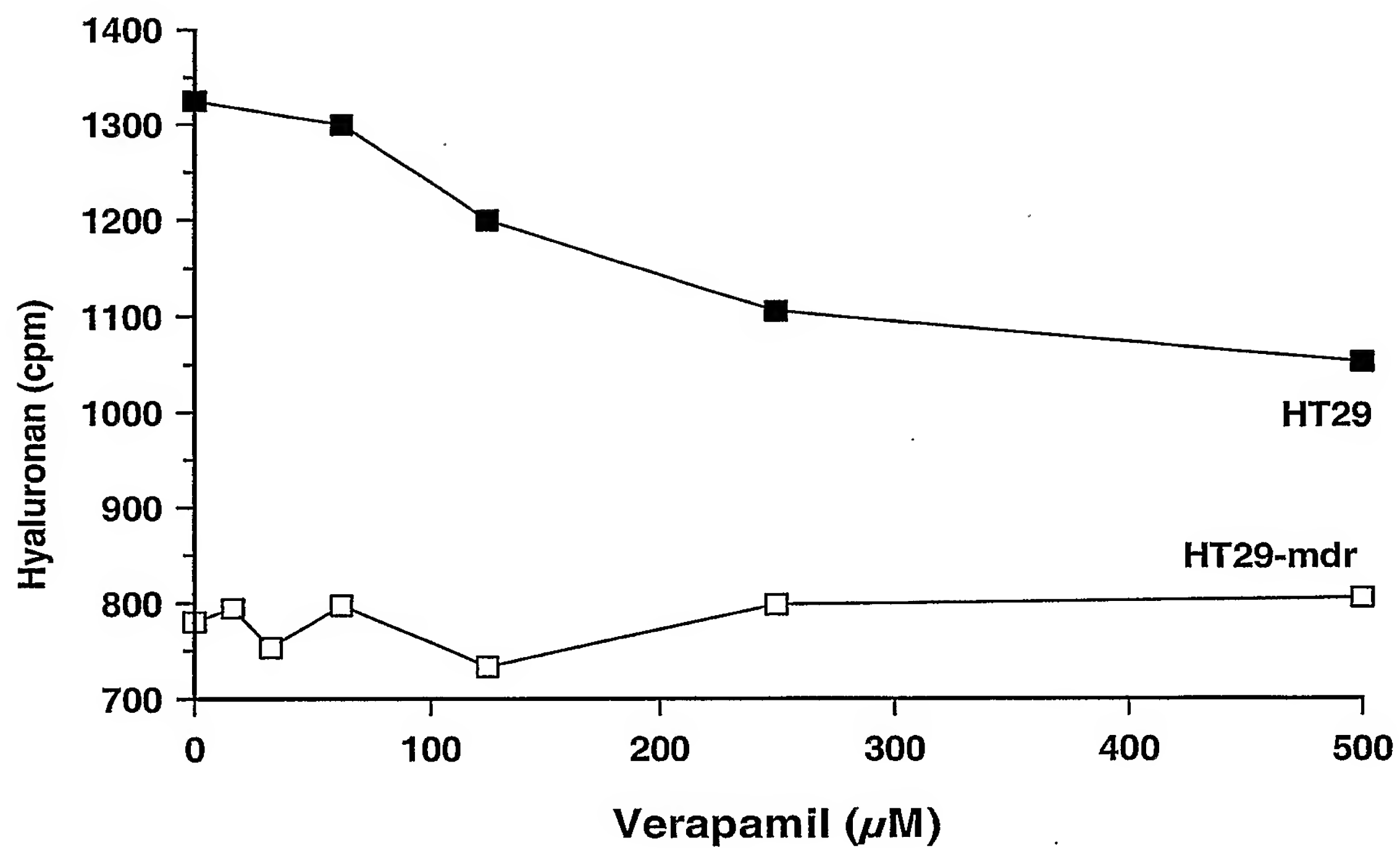


FIGURE 10

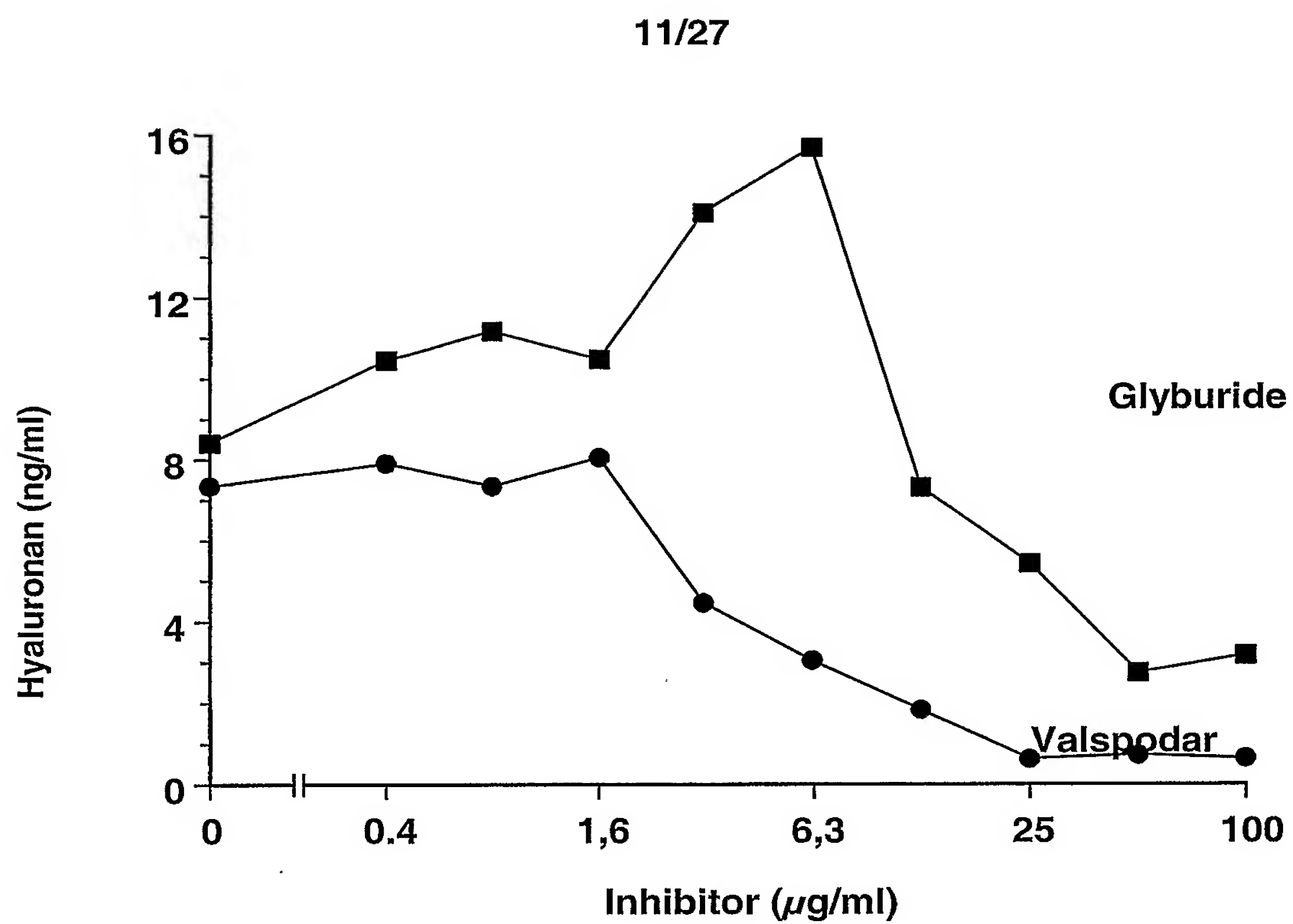


FIGURE 11

12/27

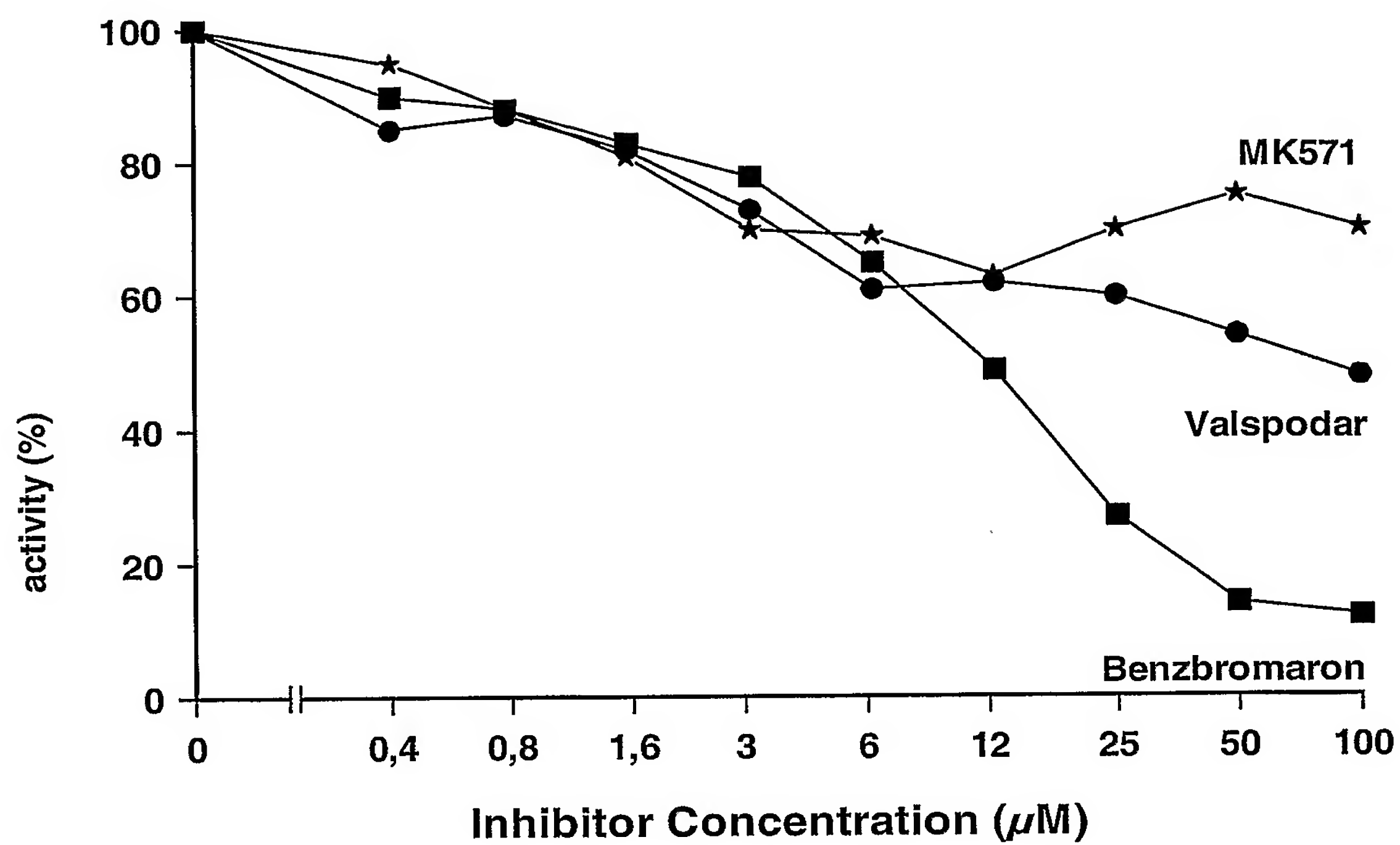


FIGURE 12

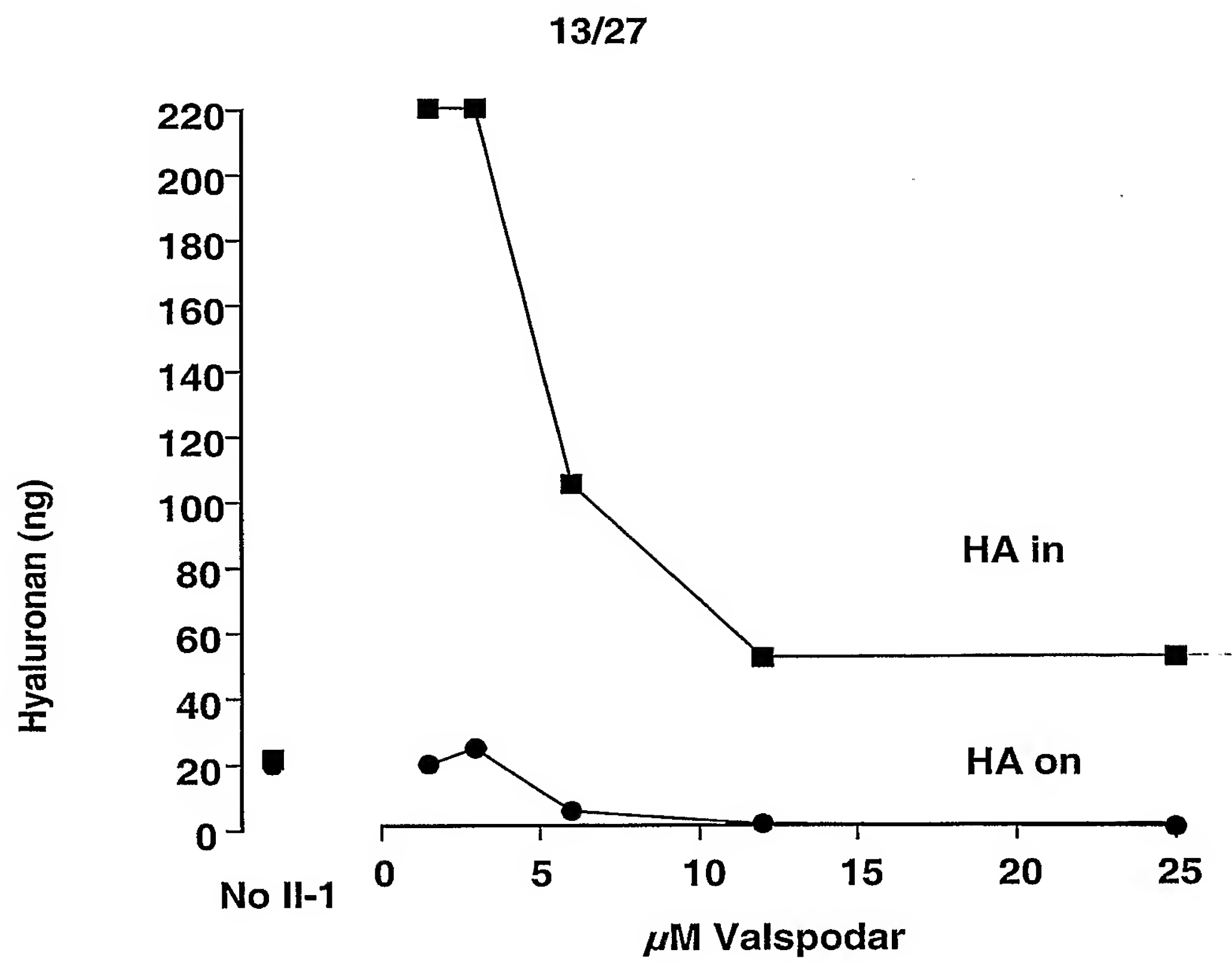


FIGURE 13

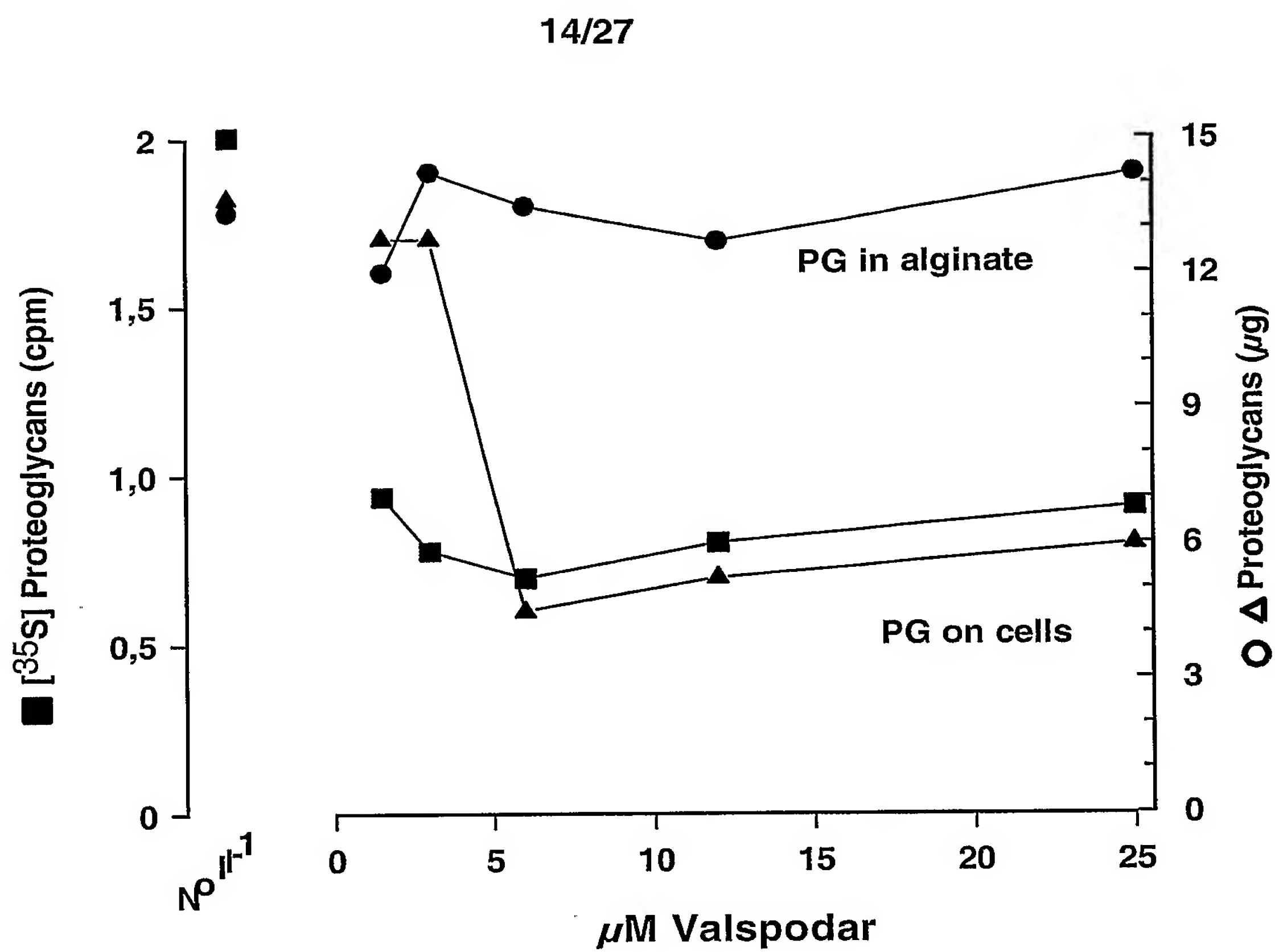


FIGURE 14

15/27

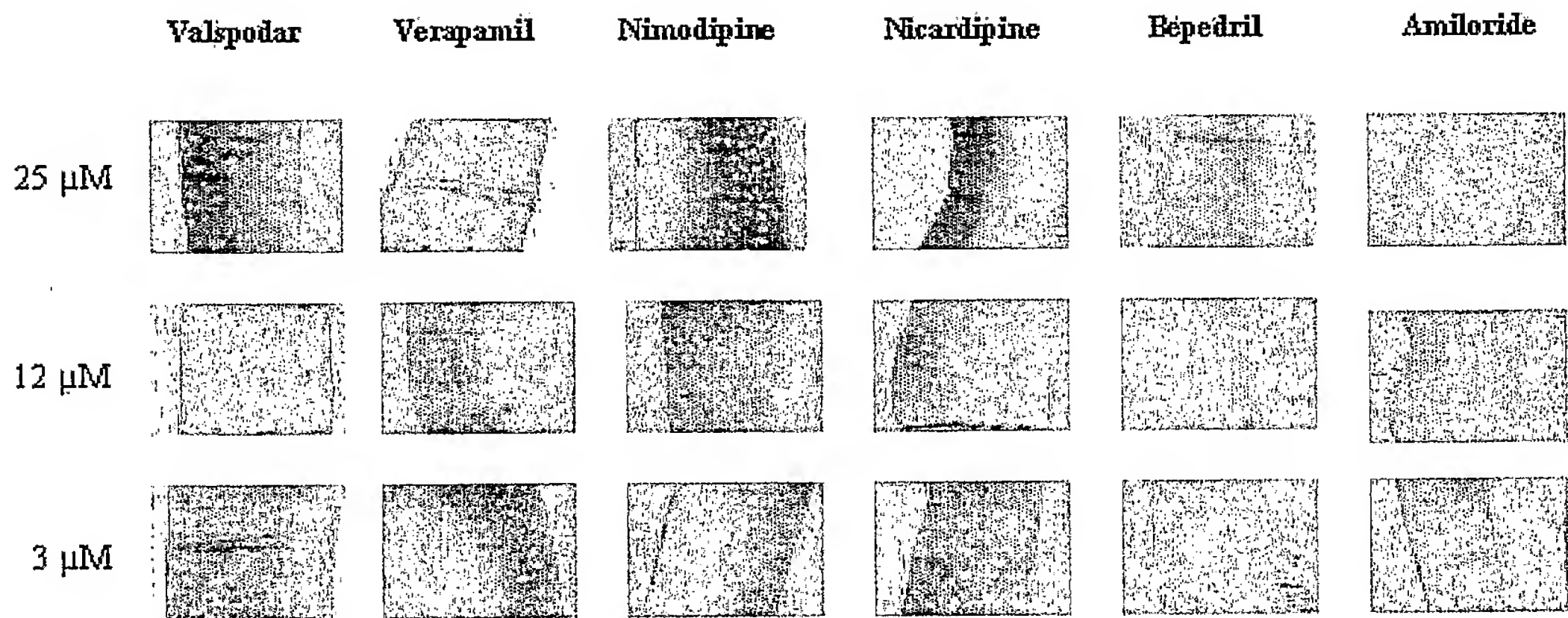


FIGURE 15

16/27

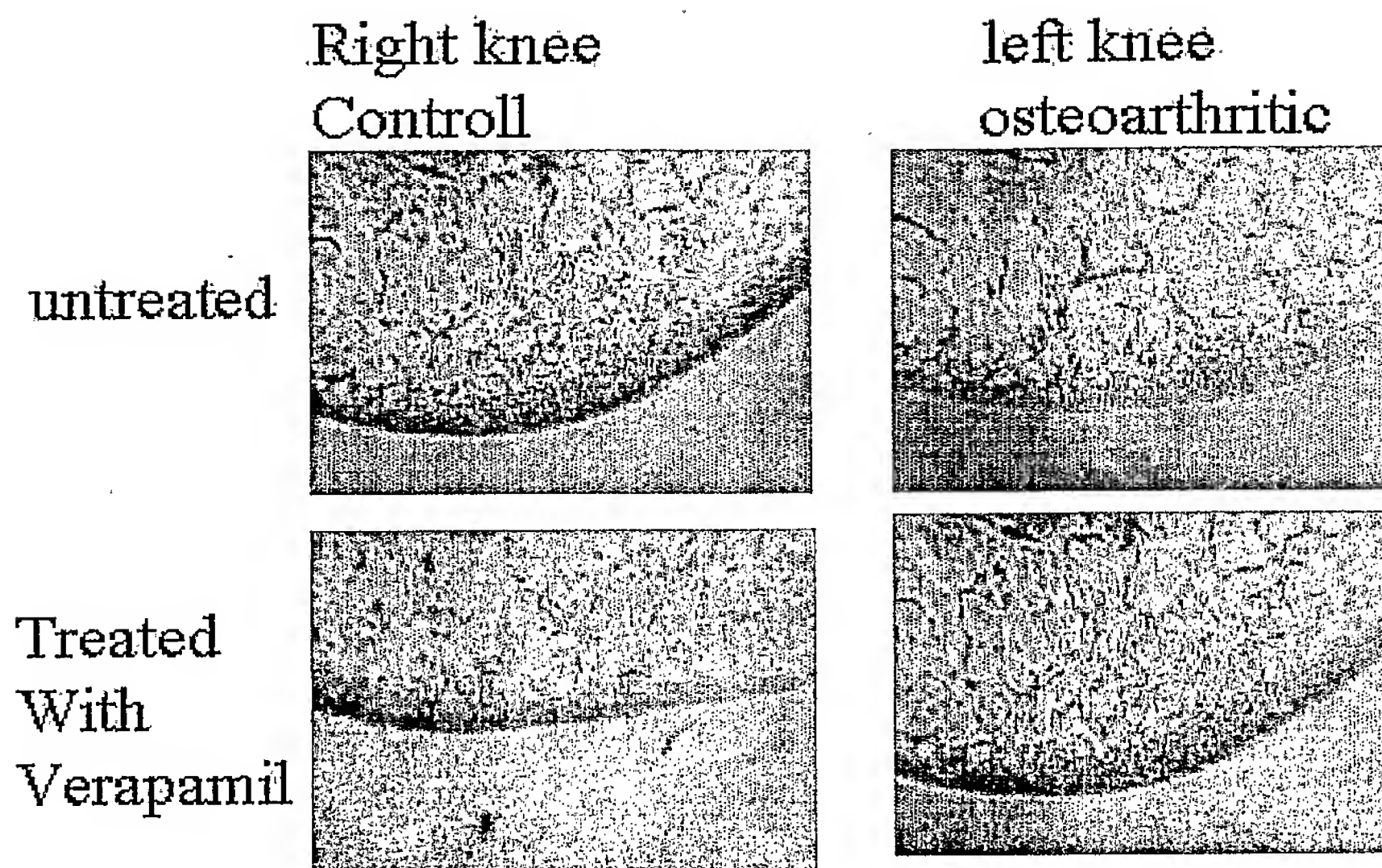


FIGURE 16



17/27

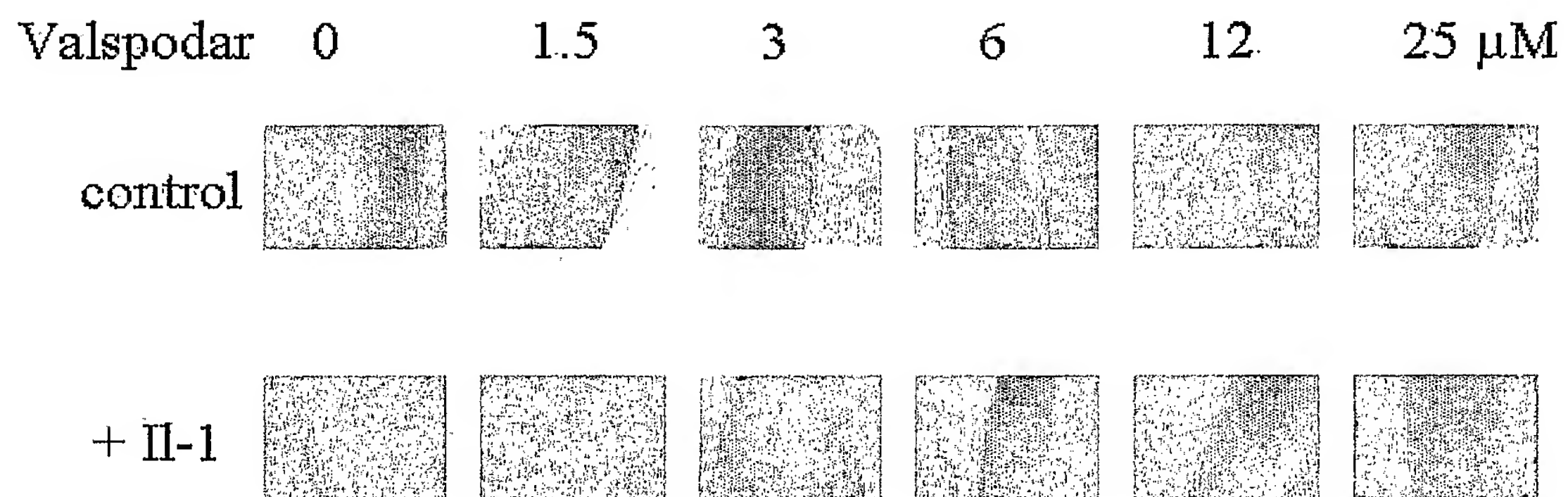


FIGURE 17

18/27

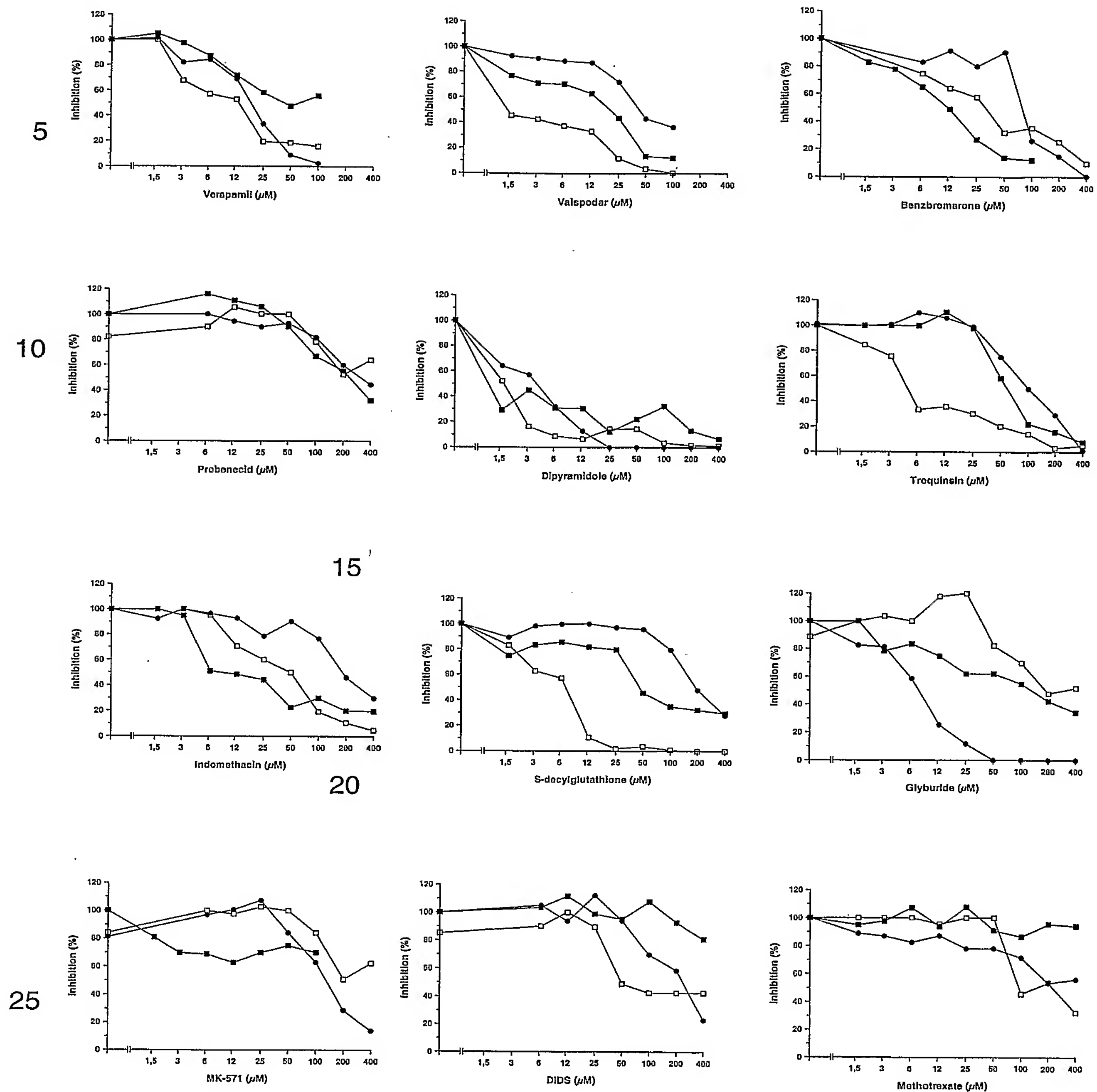


FIGURE 18

19/27

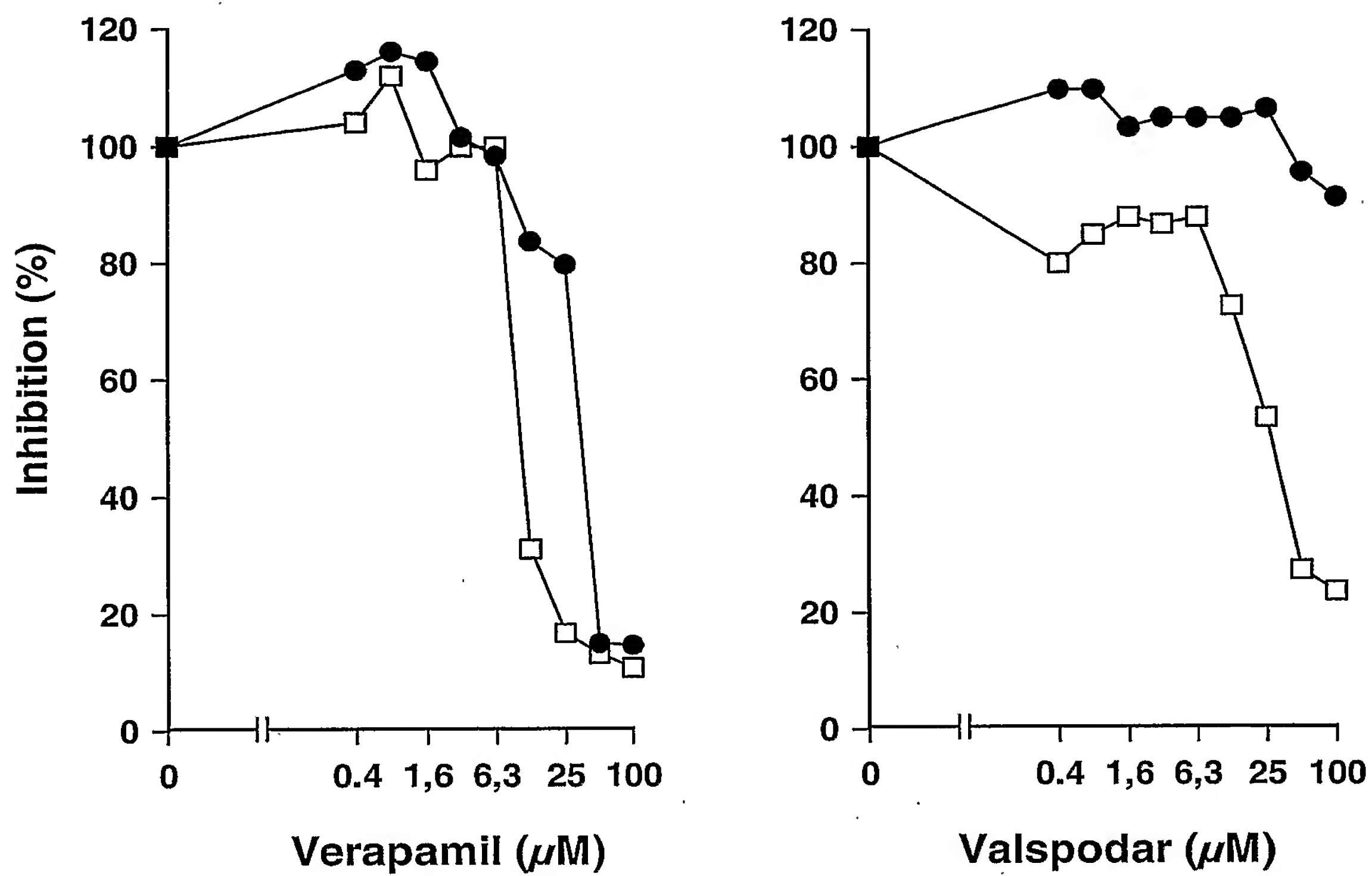


FIGURE 19

20/27

Inhibition of Hyaluronan export  
by MRP5-RNAi

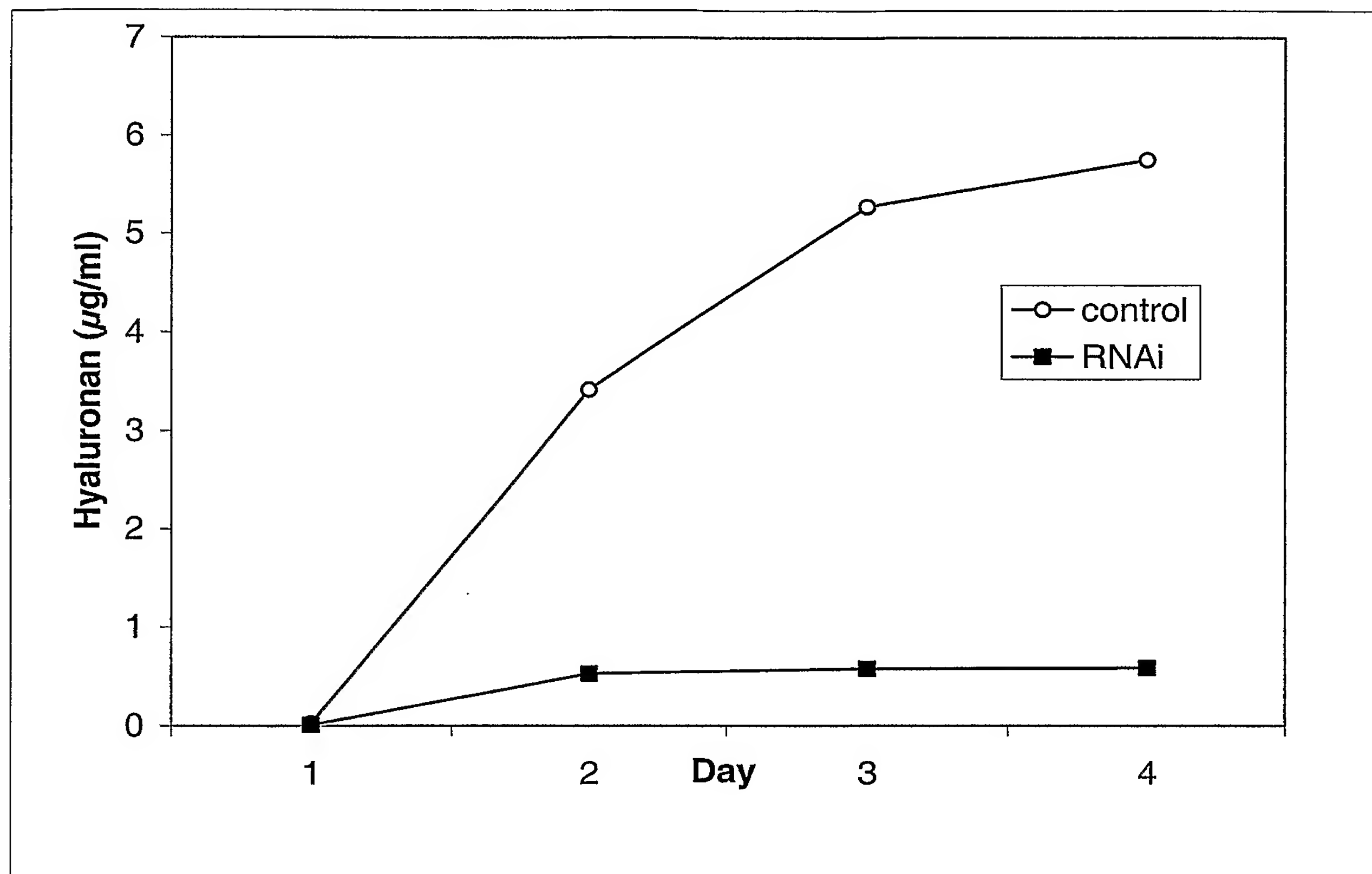
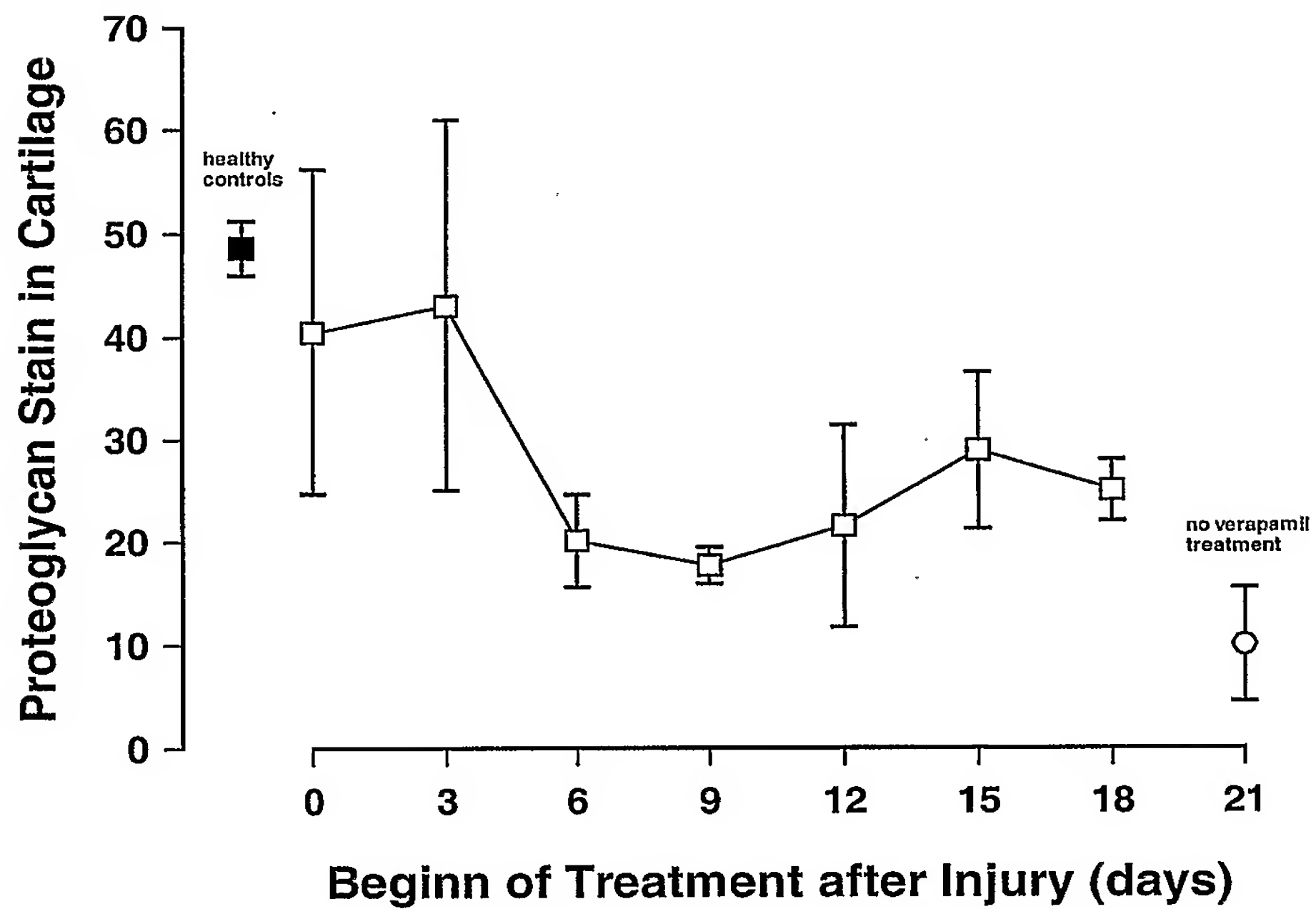


FIGURE 20

21/27

**Delayed Treatment of Osteoarthritis with Verapamil****FIGURE 21**

22/27

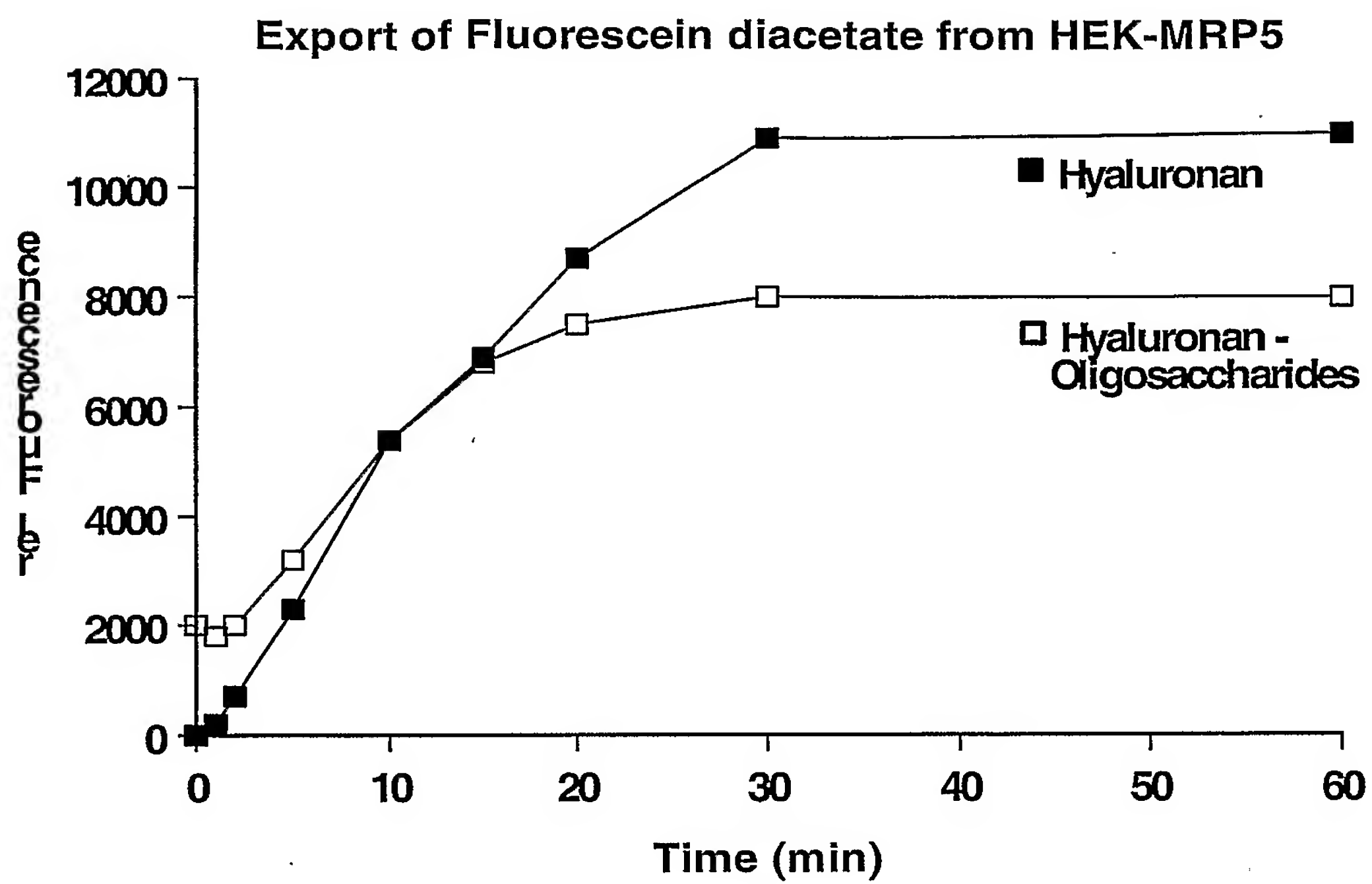


FIGURE 22

23/27

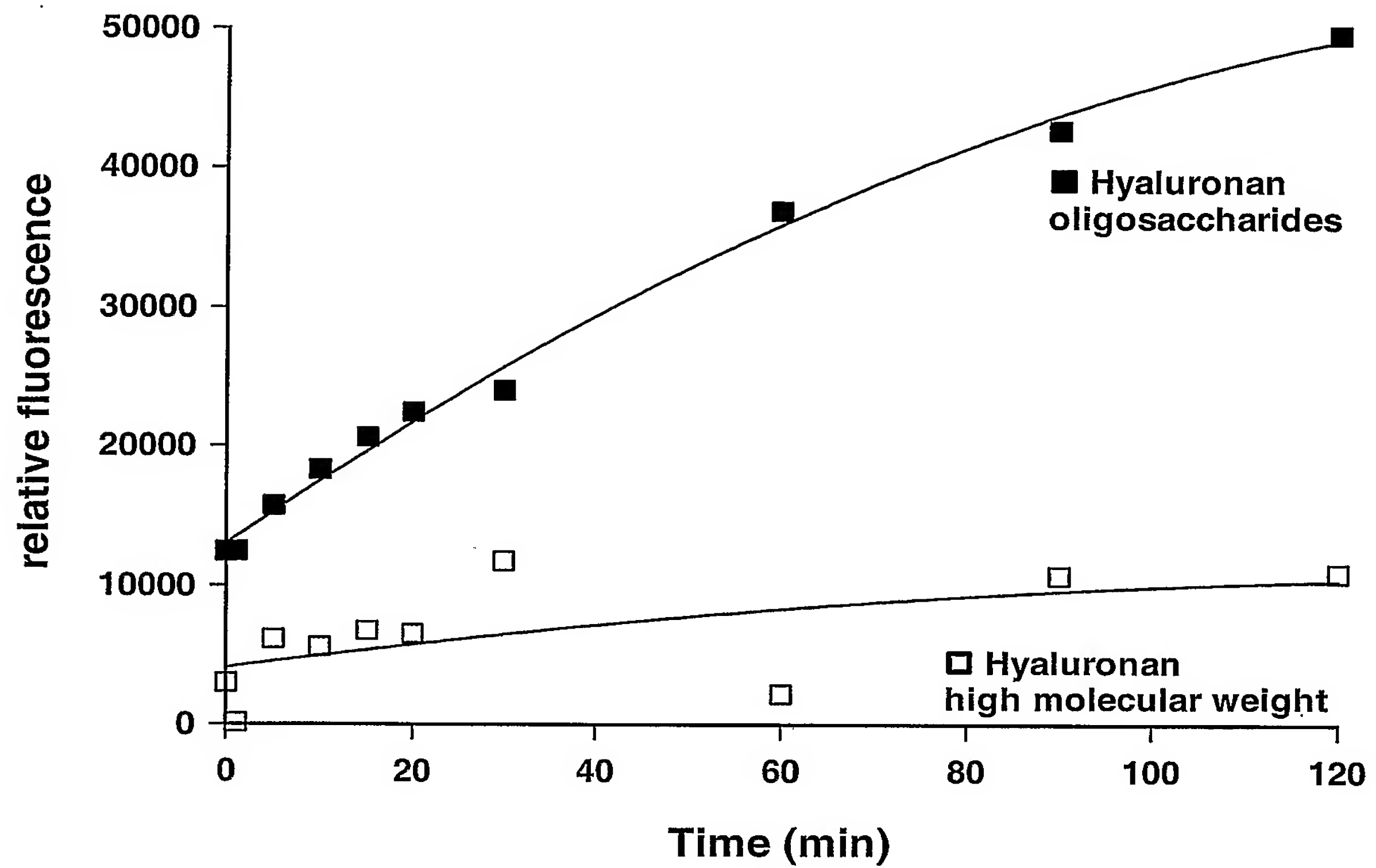


FIGURE 23

24/27

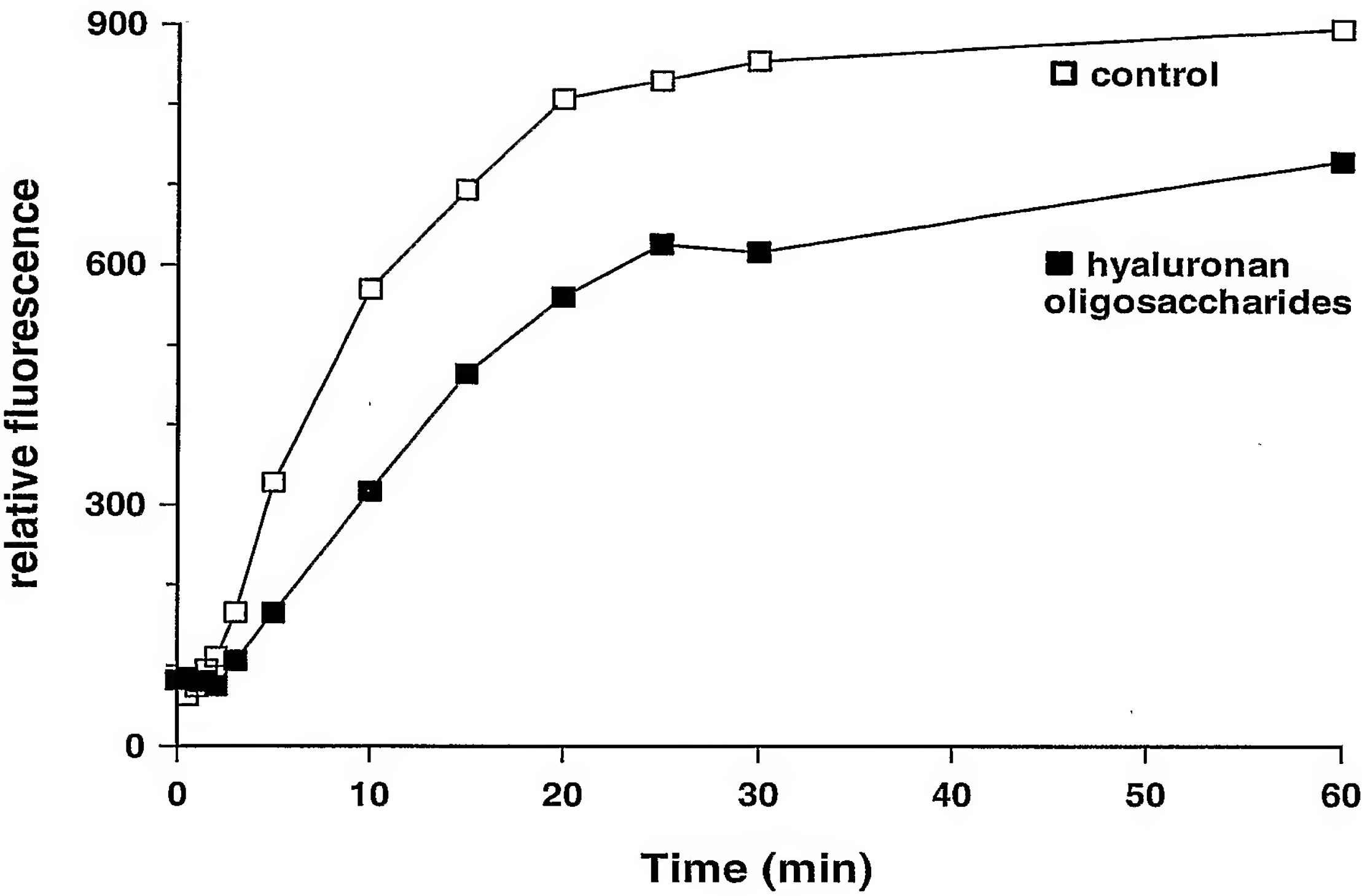


FIGURE 24



25/27

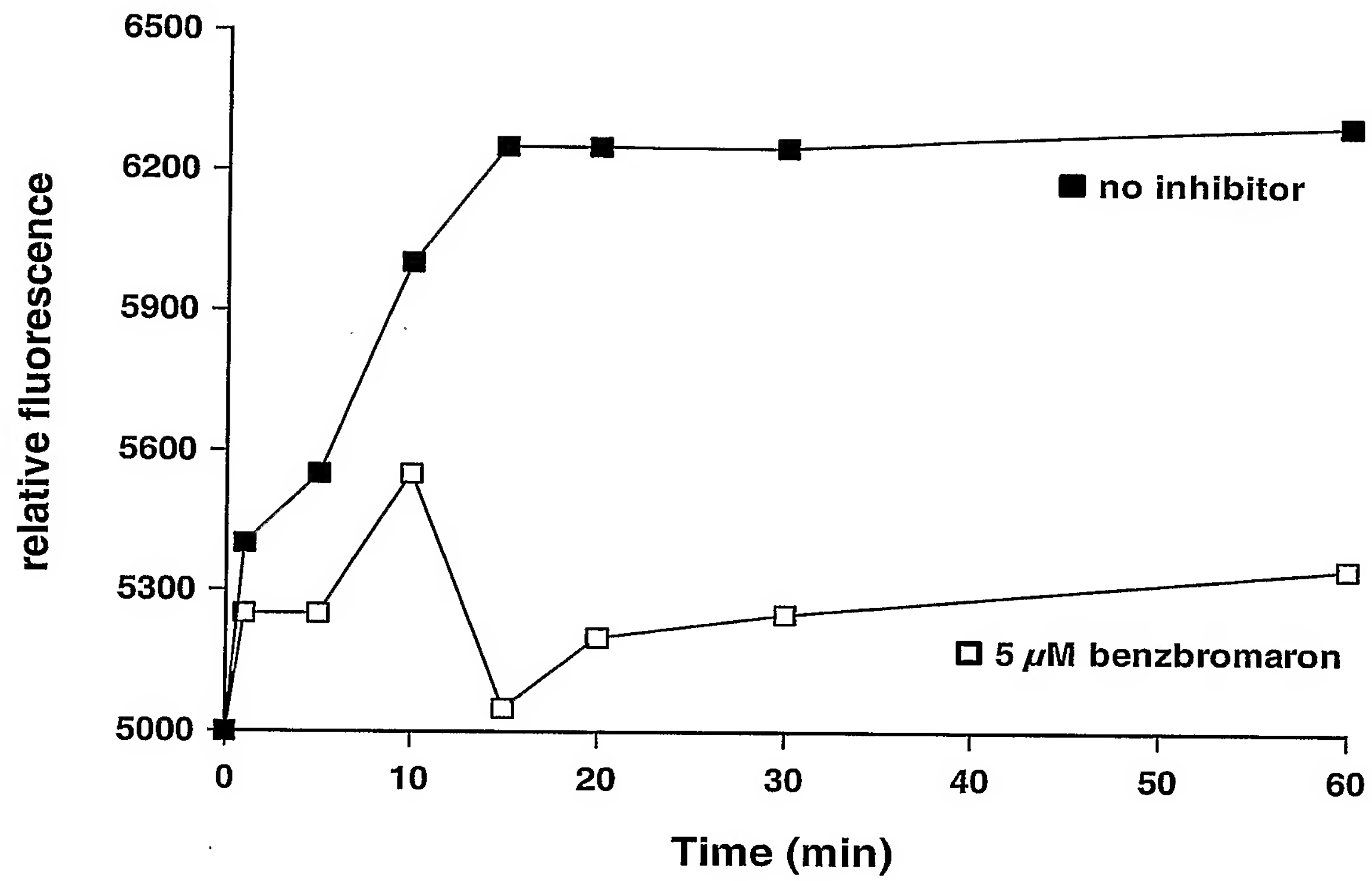


FIGURE 25

26/27

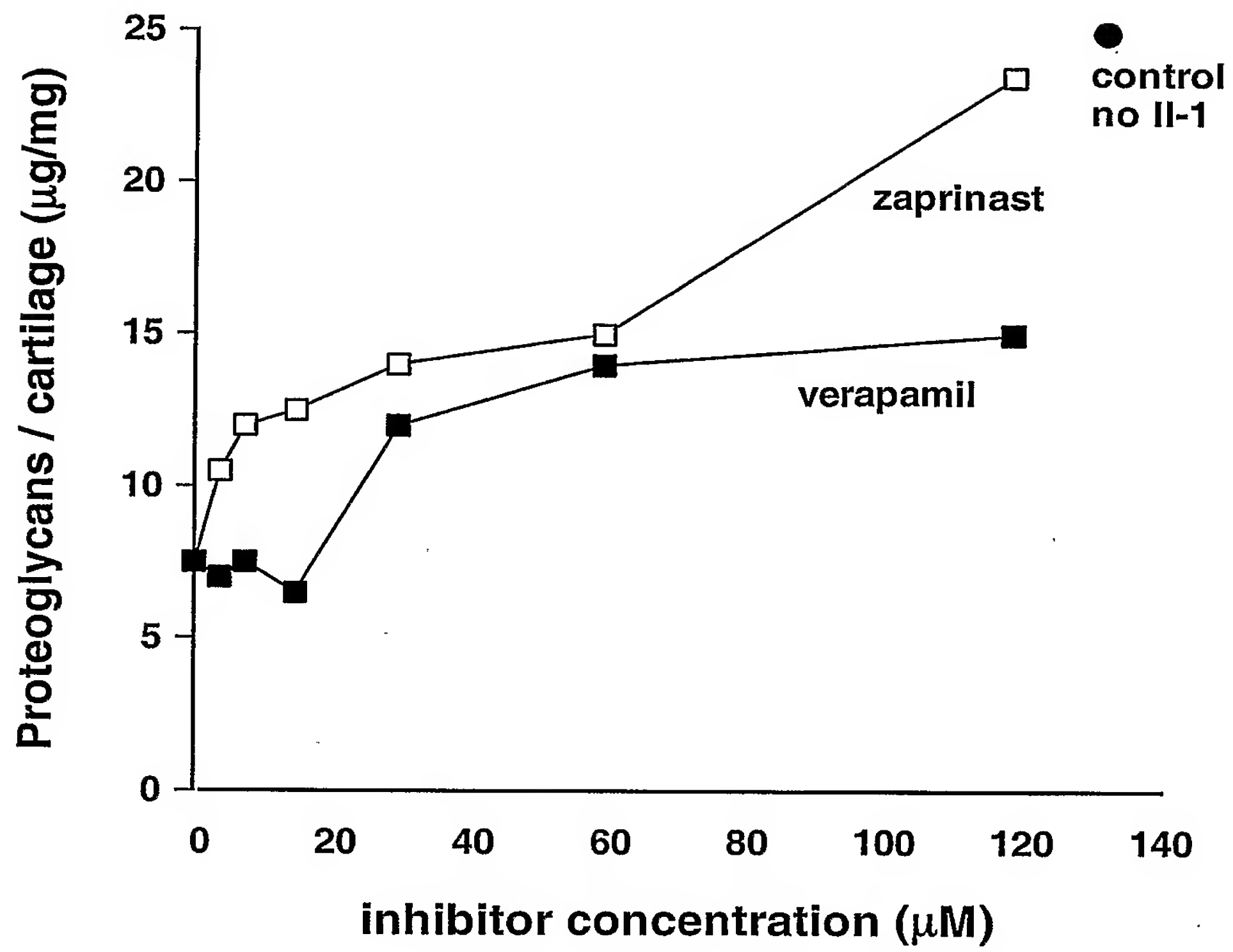


FIGURE 26

Figure 27/27

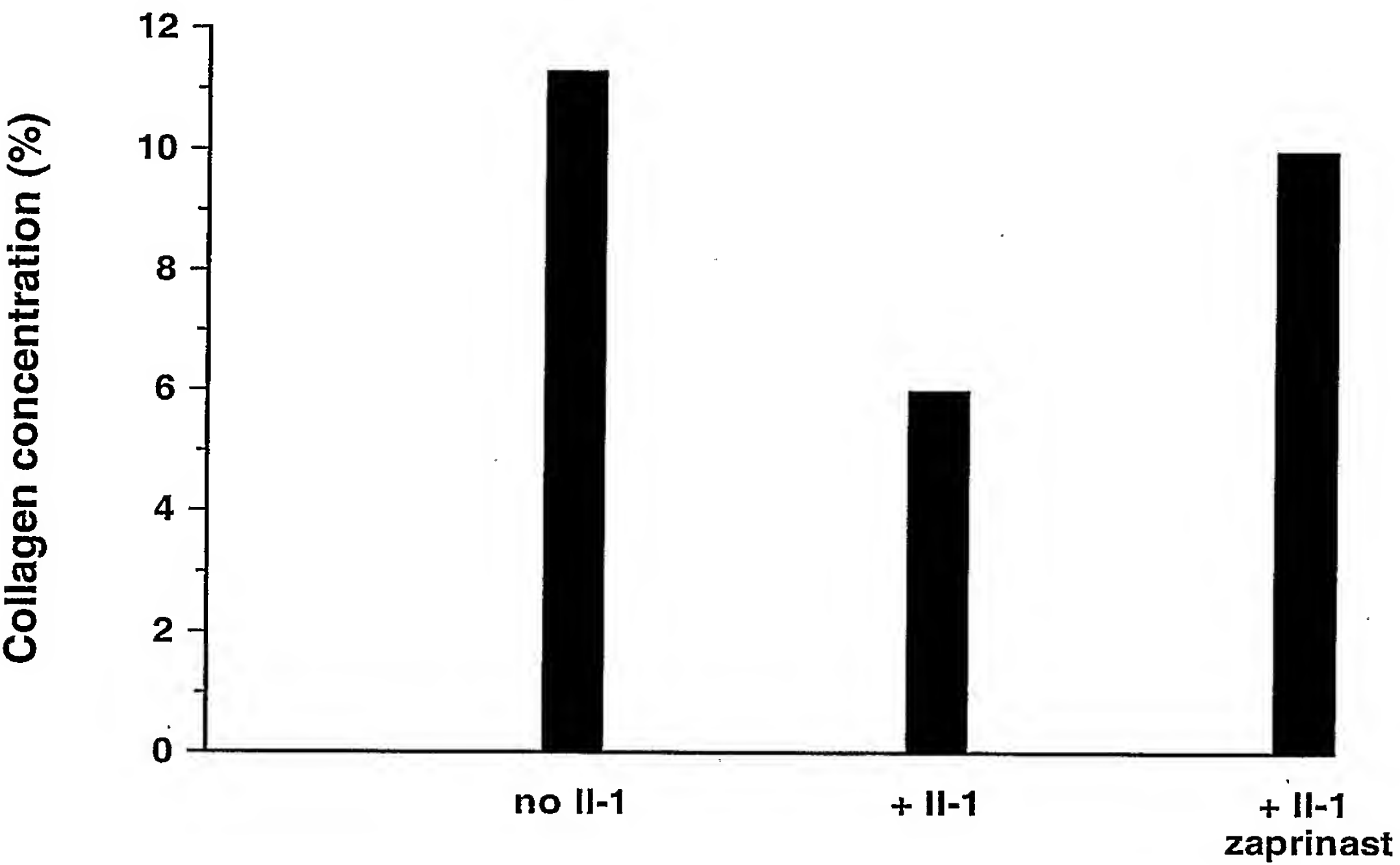


FIGURE 27